AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A machine for graphic printing on at least one card medium, comprising:

at least one ink-jet head;

a computer-aided vision device having at least one video camera for dynamic discrimination between areas on a surface of the card medium in which printing is to be performed and areas in which printing is not to be performed; and

means for controlling the head to implement ink-jet printing on the areas of the card medium in which printing is to be performed, in accordance with information provided by said video camera.

2. (Previously Presented) A machine according to Claim 1, wherein the card medium is made of plastic, and the inks used are capable of being cross-linked by radiation.

3. (Previously Presented) A machine according to Claim 1, wherein said card medium is made of cardboard or paper, and the inks used are aqueous, phase-change or solvent-based.

4. (Previously Presented) A machine according to claim 1, wherein the card medium comprises a storage card, and said machine further includes a reader that reads information contained in the card, and communicates this information to the control means.

5. (Previously Presented) A machine according to Claim 4, wherein the information read by the reader comprises information to be printed on the storage card by means of the machine.

6. (Previously Presented) A machine according to claim 1, further including a support element for receiving a plurality of cards to be printed and transporting said cards past the head of the machine for continuous printing.

7. (Previously Presented) A machine according to Claim 6, wherein the support element comprises a flat conveyor.

8. (Previously Presented) A machine according to Claim 6 wherein the support element comprises a drum.

9. (Previously Presented) A machine according to claim 6, wherein the support element is perforated, and includes a suction device to hold the cards while it is moving.

10. (Previously Presented) A machine according to claim 1, further including a system for turning over the cards for double-sided printing.

11. (Previously Presented) A machine according to claim 6, comprising a number of print heads aligned along the direction of movement of the support element and facing said support element, at least one of which is a colour print head for printing images of the photographic or coloured type.

12. (Previously Presented) A machine according to claim 1, further including means for converting the ink into gel during printing by wavelength modulation, at a distance from the card.

13. (Previously Presented) A machine according to Claim 12, wherein said means for converting the ink into gel comprise an optical fibre placed after each print head, connected to a light radiation source that emits UVC radiation.

14. (Previously Presented) A machine according to claim 1, further including means for cross-linking the ink at the end of printing.

15. (Previously Presented) A machine according to claim 1, further including means for printing finishing material such as varnish, by ink jet, in accordance with geometric and/or positioning parameters of the card to be printed.

16. (Previously Presented) A machine according to claim 1, wherein said control means controls the print head to print in accordance with geometric and/or positioning parameters extracted beforehand from each card to be printed.

17. (Previously Presented) A machine according to claim 11, wherein another one of said print heads is a monochrome head for marking the card medium.

18. (Previously Presented) A machine according to claim 14, wherein said cross-linking is performed by means of an ultraviolet lamp .

19. (Previously Presented) A machine for graphic printing on at least one storage card, comprising:

at least one ink-jet head;

a computer-aided vision device having at least one video camera for dynamic measurement of geometric and/or positioning parameters of the storage card;

a reader that reads information contained in the card that is to be printed on the storage card by means of the machine; and

means for controlling the head to implement ink-jet printing on the card medium in accordance with the geometric and/or positioning parameters provided by said video camera and the information read by the reader.

20. (New) A machine for graphic printing on at least one storage card, comprising:

at least one ink-jet head;

a computer-aided version device having a sensor for dynamically detecting the position of at least one feature of the storage card; and

a controller that determines at least one area in which printing is not to be performed on the basis of said detected position, and controls said ink-jet head to print graphics on said storage card away from said determined area.

21. (New) The machine of claim 20, wherein said feature comprises an element in the storage card over which printing is not to be performed.

22. (New) The machine of claim 20, wherein said feature comprises the external dimensions of the storage card.

23. (New) The machine of claim 20, wherein said sensor comprises a video camera.